|  | of Claims |  |
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|  |           |  |

| Appl | ication/ | Contro | l No. |
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10/766,619

Examiner

Charlie Peng

Applicant(s)/Patent under Reexamination

LIU ET AL.

Art Unit 2883

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| ı | (Through numeral)<br>Cancelled |
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|--|--|----------|--------------|----------|----------|--------------|----------|--|--------------|--------------|----------|
| 1 V  | Cla  | aim_     | <u> </u>     |          |          | _            | Dat      | e  | ,            |              |          |
| F  | Final  | Original | 12/5/05      |          |          |              |          |  |              |              |          |
| F  |  | 1        | V            |          |          |              |          |  |              |              |          |
| F  |  | 2        | ٧            |          |          |              |          |  |              |              |          |
| F  |  | 3        | V            |          |          | <u> </u>     |          | L  | L            |              | <u></u>  |
| 111  | ļ  | 4        | Ÿ            |          | _        | <u> </u>     | ↓_       |  | <u> </u>     | _            |          |
| 111  | <u> </u>   | 1        | H            | _        | -        | <del> </del> | ⊢        | <u> </u>   | ╄            | _            | <u> </u> |
| 111  |  | 3        | Н            |          | ├        | ├-           | ┝        | <del>                                     </del> | -            | $\vdash$     | <b>-</b> |
| 111  |  | 8        | H            |          | ┢        | ╁            | ┢        | $\vdash$   |              | ╁            | $\vdash$ |
| 111  |  | 3        | 1            |          |          |              | $\vdash$ | H  | ┢            | 一            | <u> </u> |
| 111  |  | 10       | T            |          |          |              |          |  |              |              | $\vdash$ |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 11       |              |          |          |              |          |  |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 12       | $\mathbb{L}$ |          |          |              |          |  | 匚            |              | 匚        |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   | <u></u>  | 1/3      | L            |          | <u> </u> | ļ            | _        | _  | <u> </u>     | L            | _        |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   | <u> </u>   | 14       | 1            |          | <u> </u> | _            | <u> </u> |  | ├            | <u> </u>     | _        |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 16       | Н            |          |          |              |          | -  | -            | ⊢            |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   | <u> </u>   | 17       |              | _        | $\vdash$ | -            | -        | ┢  | ┢╌           | <del> </del> | -        |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   | <b></b>  | 18       | +            |          | $\vdash$ |              |          | Н  | ┢╌           | _            | -        |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 19       | T            |          |          |              |          |  |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 20       |              |          |          |              |          |  |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 21       |              |          |          |              |          |  |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   | <u> </u>   | 22       | Щ            |          |          | _            |          | _  |              | <u> </u>     |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 23       | Ш            |          |          | _            | _        | _  | <u> </u>     |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 27       | Н            |          | <u> </u> | <del> </del> | <u> </u> | <u> </u>   | <del> </del> | <u> </u>     |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 28       | Н            |          | -        | _            |          | $\vdash$   | -            | -            | $\vdash$ |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 2        | Н            |          |          | $\vdash$     | $\vdash$ | -  | -            | -            |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 2B       |              |          | -        | $\vdash$     | $\vdash$ | $\vdash$   |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 29       | П            |          |          | $\vdash$     | Г        | _  |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 30       |              |          |          |              |          |  |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 31       |              | ·        |          |              |          |  |              |              |          |
| 34<br>35<br>36<br>37<br>38<br>39<br>40<br>41<br>42<br>43<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  | 32       | Ш            |          |          | <u> </u>     | $\sqcup$ | _  | _            |              |          |
| 36 37 38 38 39 40 40 41 42 43 44 44 45 46 47 48 49 49  |  | 33       |              |          |          | _            | $\vdash$ | L  | ⊢            | _            |          |
| 36 37 38 38 39 40 40 41 42 43 44 44 45 46 47 48 49 49  | -  | 35       | Н            | _        | -        | -            | -        | ├  | $\vdash$     | $\vdash$     | Н        |
| 38 39 40 41 41 42 42 43 44 45 45 46 47 48 49 49  | _  | 36       | -            |          | _        | $\vdash$     | $\vdash$ | -  |              |              | $\vdash$ |
| 38 39 40 41 41 42 42 43 44 45 45 46 47 48 49 49  |  | 37       | $\vdash$     |          | _        | $\vdash$     | $\vdash$ | ┢  |              |              | $\vdash$ |
| 39   |  | 38       |              |          | _        | Г            | Г        |  |              |              | $\neg$   |
| 41   |  | 39       |              |          |          |              |          |  |              |              |          |
| 42<br>43<br>44<br>45<br>46<br>47<br>48<br>49   |  |          |              |          |          |              |          |  |              |              |          |
| 43 44 45 45 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49  |  |          |              |          |          |              |          | L  |              | Ш            | Щ        |
| 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4   | igsquare   | 42       | $\sqcup$     |          |          |              |          | _  |              | Щ            | Щ        |
| 45 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49   |  |          | $\dashv$     |          |          | -            | Н        | <b>.</b>   | -            | Щ            | Щ        |
| 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49  |  |          | $\dashv$     | _        |          | -            | $\vdash$ | <del> -</del>                                    | $\vdash$     | $\vdash$     | $\vdash$ |
| 47<br>48<br>49   | <del>                                     </del> |          | $\vdash$     | $\dashv$ | _        | $\vdash$     | Н        | ┝  | -            |              | $\dashv$ |
| 48 49  |  |          | $\dashv$     |          |          | $\vdash$     | $\vdash$ | Н  | $\vdash$     | Н            | $\vdash$ |
| 49   |  |          |              |          |          |              | Н        | -  |              | Н            | $\dashv$ |
| 50   |  | 49       |              |          |          |              |          |  |              |              |          |
|  |  | 50       |              |          |          |              |          |  |              |              |          |

| Cla      | Claim    |          | Date      |          |          |          |          |          |          |          |  |  |
|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| Final    | Original |          |           |          |          |          |          |          |          |          |  |  |
|          | 51       |          |           |          |          |          |          |          |          | 匚        |  |  |
|          | 52       |          | <u>_</u>  | L        | _        | _        | _        | L        |          |          |  |  |
|          | 53       |          |           |          |          |          |          |          |          |          |  |  |
|          | 54       |          |           |          | Г        |          |          |          |          |          |  |  |
|          | 55       |          |           |          | Γ        |          |          |          |          |          |  |  |
|          | 56       |          |           |          |          |          |          |          |          | Г        |  |  |
|          | 57       |          | _         | $\vdash$ | $\vdash$ |          | Т        |          | $\vdash$ | Н        |  |  |
|          | 58       |          |           |          |          |          |          | _        |          | <u> </u> |  |  |
|          | 59       |          | _         | _        | ┢        |          |          | $\vdash$ | $\vdash$ | ┢        |  |  |
|          | 60       |          |           | <u> </u> |          |          |          | -        | $\vdash$ | _        |  |  |
|          | 61       |          |           | _        | -        | _        | $\vdash$ | $\vdash$ | $\vdash$ | -        |  |  |
|          | 62       |          | -         | -        | -        | -        | ┢        |          | -        | $\vdash$ |  |  |
| <u> </u> | 63       | _        | _         | -        | -        | -        | -        | $\vdash$ | $\vdash$ | -        |  |  |
|          | 64       | _        |           | -        | $\vdash$ | $\vdash$ | ┢        | -        | -        | $\vdash$ |  |  |
|          | 65       |          | -         | -        | -        | ┢        | ┢        | ┝        | -        | $\vdash$ |  |  |
| -        | 66       | _        | _         | $\vdash$ | $\vdash$ | ┢        | -        | ┝        | $\vdash$ | $\vdash$ |  |  |
|          | 67       |          |           | $\vdash$ | ┝        | $\vdash$ | -        |          |          | $\vdash$ |  |  |
|          | 68       |          |           | $\vdash$ |          | $\vdash$ | ┝        | H        |          | -        |  |  |
|          | 69       | _        | _         | $\vdash$ | $\vdash$ | $\vdash$ | ┢        |          | _        | $\vdash$ |  |  |
|          | 70       |          | _         |          |          | $\vdash$ | 一        | _        | _        | $\vdash$ |  |  |
|          | 71       |          |           | _        | _        | $\vdash$ |          | $\vdash$ | _        |          |  |  |
|          | 72       |          |           |          | -        |          |          | Н        |          | _        |  |  |
|          | 73       |          |           |          |          |          |          |          |          |          |  |  |
|          | 74       |          |           |          |          |          |          | _        |          |          |  |  |
|          | 75       |          |           |          |          |          |          |          |          |          |  |  |
| ·        | 76       |          |           |          |          |          |          |          |          |          |  |  |
|          | 77       |          |           |          |          |          |          |          |          |          |  |  |
|          | 78       |          |           |          |          |          |          |          |          |          |  |  |
|          | 79       |          |           |          |          |          |          |          |          |          |  |  |
|          | 80       |          |           |          |          |          |          |          |          |          |  |  |
|          | 81       |          |           |          |          |          |          |          |          |          |  |  |
|          | 82       |          |           |          | Ŀ        |          |          |          |          | _        |  |  |
|          | 83       |          |           |          |          |          |          |          |          |          |  |  |
|          | 84       |          |           |          |          |          |          |          |          |          |  |  |
|          | 85       | _        |           |          |          |          |          |          |          |          |  |  |
| <u> </u> | 86       | _        |           |          |          |          |          | Ш        |          | _        |  |  |
| -        | 87       | _        |           |          |          |          | _        |          |          | _        |  |  |
| -        | 88       |          | _         |          | _        |          | _        | Н        |          |          |  |  |
|          | 89       | -        | _         | _        | _        |          |          | Н        |          |          |  |  |
|          | 90<br>91 |          |           |          |          | _        | -        | Н        | -        |          |  |  |
|          |          |          | -         | -        | -        | _        |          | Н        |          |          |  |  |
|          | 92<br>93 | $\dashv$ | -         | -        | =        |          | Н        | -        |          | _        |  |  |
| -        | 94       | $\dashv$ | -         | -        | -        | -        | -        | $\dashv$ | _        |          |  |  |
| -        | 95       | $\dashv$ |           |          |          |          |          | $\vdash$ | -        |          |  |  |
|          | 96       | $\dashv$ | $\exists$ | $\vdash$ | $\dashv$ | -        | $\vdash$ | $\Box$   |          | -        |  |  |
|          | 97       |          | $\neg$    | $\neg$   | $\neg$   |          |          | $\dashv$ | $\neg$   | _        |  |  |
|          | 98       |          |           |          |          |          |          |          |          |          |  |  |
|          | 99       |          |           |          |          |          |          |          | $\neg$   | _        |  |  |
|          | 100      |          |           |          |          |          |          |          |          |          |  |  |
|          |          |          |           |          |          |          |          |          |          | _        |  |  |

| Cla      | aim   | Date     |              |              |          |          |          |               |              |              |
|----------|---|----------|--------------|--------------|----------|----------|----------|---------------|--------------|--------------|
| Final    | Original                                      |          |              |              |          |          |          |               |              |              |
|          | 101   | -        | -            | -            | $\vdash$ | ┢        | _        | -             |              | <del> </del> |
|          | 102   |          | Г            |              |          |          |          | П             | Г            |              |
|          | 103   |          | Г            |              |          |          |          |               | Г            | П            |
|          | 102<br>103<br>104                             |          |              |              |          |          |          |               | Г            | Γ            |
|          | 105   |          |              |              |          |          |          |               |              |              |
|          | 106   |          |              |              |          |          |          |               |              |              |
|          | 107   |          |              |              |          |          |          |               |              |              |
|          | 108<br>109                                    |          |              |              |          |          |          |               |              |              |
| <u></u>  | 109   |          |              | L            | _        | <u> </u> |          | 匚             | L            | Ш            |
|          | 110   |          |              | <u> </u>     |          |          |          | _             | L.           | $\perp$      |
|          | 111   |          | _            |              | <u> </u> | _        |          |               | <u>_</u>     |              |
|          | 112   |          | <u> </u>     | <u> </u>     | <u> </u> | _        | _        | _             | <u> </u>     | Ш            |
| <b>—</b> | 111<br>112<br>113                             | ļ        | <u> </u>     | <u> </u>     | $\vdash$ | <u> </u> | <u> </u> | <u> </u>      | <u> </u>     | Ш            |
|          | 114<br>115                                    |          | $\vdash$     | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | <u> </u>      | <u> </u>     | $\vdash$     |
| $\vdash$ | 115   | _        | <del> </del> | <del> </del> | <u> </u> | <u> </u> | <u> </u> | <u> </u>      | $\vdash$     | Н            |
| $\vdash$ | 116<br>117                                    |          | <u> </u>     | <del> </del> | <u> </u> | <u> </u> | ⊢        | $\vdash$      | ├            | Н            |
| -        | 117   |          | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | ⊢        | <u> </u>      | -            |              |
|          | 118   | _        |              | ┢            | ⊢        | ┝        | ⊢        | <u> </u>      | -            | Н            |
|          | 120   |          | $\vdash$     | ├-           | _        | <u> </u> | <u> </u> |               | <u> </u>     | Н            |
| _        | 120   |          | -            | ┝            | ├        | _        | <u> </u> | -             | <del> </del> | Н            |
| _        | 119<br>120<br>121<br>122<br>123<br>124<br>125 |          | $\vdash$     | ⊢            | ⊢        |          | -        | <del> </del>  | ⊢            | Н            |
|          | 122   |          | _            | ├            | -        | _        |          | _             |              | Н            |
|          | 124   |          | -            | -            | Ι        | _        |          | H-            |              | Н            |
| $\vdash$ | 125   |          | -            | ├            | $\vdash$ | _        | _        | _             | _            | Н            |
| -        | 126   |          |              | ┢            |          |          |          |               |              | Н            |
| H        | 127   |          |              |              |          |          | -        | -             |              | Н            |
|          | 127<br>128                                    |          | $\vdash$     | $\vdash$     |          |          |          | _             | _            | H            |
|          | 129   |          |              |              |          |          |          | $\overline{}$ | _            | Н            |
| $\Box$   | 130   |          |              |              | $\vdash$ |          |          |               |              | Н            |
|          | 130<br>131                                    |          | $\vdash$     |              |          |          |          | _             | _            | П            |
|          | 132   |          |              |              |          |          |          |               |              | П            |
| $\Box$   | 133   |          |              |              |          |          |          | ·             |              | П            |
|          | 133<br>134                                    |          |              |              |          |          |          |               |              | $\sqcap$     |
|          | 135   |          |              |              |          |          |          |               |              |              |
|          | 136   |          |              |              |          |          |          |               |              |              |
|          | 137   |          |              |              |          |          |          |               |              |              |
|          | 138   |          |              |              |          |          |          |               |              |              |
| <u></u>  | 139   |          |              |              |          |          |          |               |              |              |
| $\sqcup$ | 140   |          | _            | $oxed{\Box}$ |          |          |          |               |              | Ш            |
| $\sqcup$ | 141   | _        |              | L            |          |          |          |               |              | Щ            |
| $\sqcup$ | 142   | _        |              |              | Щ        |          | Ш        |               |              |              |
| $\vdash$ | 143   | _        |              | Ш            | Ш        |          | Щ        | Щ             |              | Щ            |
| $\vdash$ | 144   | _        |              | Ш            |          |          | Ш        |               |              | Ш            |
| $\vdash$ | 145   | _        | _            | Щ            |          | Щ        | Щ        |               |              | $\sqcup$     |
| $\vdash$ | 146   | $\dashv$ |              | Ш            | -        | Щ        | Щ        |               |              | $\vdash$     |
| $\vdash$ | 147   | _        |              | Н            | Щ        | Ш        | $\vdash$ | Щ             | _            | Ш            |
| $\vdash$ | 148   | _        |              | Щ            |          | $\vdash$ | Ш        | $\vdash$      |              | Щ            |
|          | 149<br>150                                    | $\dashv$ |              | $\vdash$     |          |          | $\dashv$ | $\dashv$      |              | Щ            |
|          | 150   |          |              | لـــا        | ш        | لـــا    | Ш        |               |              |              |